

National Air Quality Conference – Ambient Monitoring 2012

SUNDAY, MAY 13, 2012 –EARLY REGISTRATION

5:00pm – 7:00pm
5:00pm – 9:00pm

Registration
Vendor Set Up

MONDAY, MAY 14, 2012 –TRAINING SESSIONS

7:00am – 8:00am
7:00am – 12:00pm

Registration ()
Vendor Set Up ()

<p style="text-align: center;">Air Toxics Data Analysis Room – <i>Barbara Driscoll & STI</i></p> <p>8:00am – 12:00pm</p> <p>This half day course will provide an overview of the topic of air toxics data analysis; provide suggestions on methodology to use in analyzing air toxics data; help participants to quantify and interpret data and trends, and provide real examples or application.</p>	<p style="text-align: center;">Commercial Data Systems Room - <i>Lewis Weinstock & State Reps</i></p> <p>8:00am – 12:00am</p> <p>This session will examine how various States have used commercial data systems to gain operational efficiencies and how agencies have optimized processing of data. Topics may include:</p> <ul style="list-style-type: none"> • Automated calibrations • Use of instrument diagnostics • Basic and more complex flagging routines • Automated notification options <p>Vendors will be asked to attend session in support role only</p>	<p style="text-align: center;">Quality Assurance Training Room – <i>Michael Papp</i></p> <p>8:00pm – 12:00pm</p> <p>This session will provide ambient air monitoring quality assurance requirements contained in 40 CFR Part 58 Appendix A as well as covering Federal QA requirements including the ambient air QA requirements for SLAMS/SPM/PSD monitoring. Training will also be provided on the various quality control samples for each criteria pollutant including their frequency of collection and how they should be reported, the statistics for assessing data quality, and the tools available including the Data Assessment Statistical Calculator and the AMP 255 report. This training event is intended for personnel needing an initial understanding of the ambient air quality system and those wanting an update on the changes that have taken place over the years.</p>
12:00pm – 1:30pm LUNCH – on your own		
<p style="text-align: center;">AQS/Discoverer/Data Mart/Air Explorer Training Room –</p> <p>1:30pm – 5:00pm</p> <p>AQS is EPA's database of ambient air pollution data collected by EPA, state, local, and tribal air pollution control agencies from thousands of monitoring stations. AQS also contains meteorological data, descriptive information about each monitoring station (including its geographic location and its operator), and data quality assurance/quality control information. Learn how to retrieve data from AQS by a variety of tools (AQS Reports, AQS Data Mart, and how you can build your own database queries using Oracle Discoverer).</p>	<p style="text-align: center;">Best Practices for Operating PM2.5 Continuous FEMs Room <i>Tim Hanley & Instrument Companies</i></p> <p>1:30pm – 5:00pm</p> <p>EPA staff will partner with instrument vendors to provide updates on the most important operational practices necessary to provide data of optimum quality. New data tools for assessing FRM – FEM performance will also be discussed.</p>	<p style="text-align: center;">Monitoring Methods Room – <i>Joann Rice/Kevin Cavender & State rep</i></p> <p>1:30pm –5:00pm</p> <p>VOC collection systems (Dave Shelow)</p> <p>Sunset Carbon (Beth Landis)</p> <p>NOy Issues (Nealson Watkins)</p>

TUESDAY, MAY 15, 2012 –PLENARY SESSION

National Air Quality Conference – Ambient Monitoring 2012

7:00am – 8:00am
7:00am – 8:00 am

Registration
Refreshments

8:00am - 8:05am	Denver Chamber of Commerce Welcome/Region 8 Welcome?
8:05am – 8:20am	EPA Welcome & NACAA Welcome <i>Richard Wayland, Division Director, Air Quality Assessment Division, EPA</i> <i>Dick Valentinetti, Director of the Vermont Air Pollution Control Division</i>
8:20am – 8:35am	OAR Senior Management Perspective <i>Janet McCabe, OAR (invited)</i>
8:35am – 9:30am	NAAQS Updates and Monitoring Networks <i>Lewis Weinstock, Group Leader, Ambient Air Monitoring Group, EPA</i>
9:30am – 10:00am	Region 9 CA Assessment/LADCO Assessment <i>Meredith Kurpius, EPA</i> <i>LADCO (Mike Koerber?)</i>
10:00am -10:30am	BREAK (Refreshments in)
10:30am – 11:00am	Ambient Air Data Trends <i>Pat Dolwick, Group Leader, Air Quality Analysis Group, EPA</i>
11:00am – 12:00pm	FEATURED SPEAKER: (Health related) TBD
12:00pm – 1:30pm	LUNCH – on your own
1:30pm - 3:00pm	NO₂ Near-Road Pilot Study Lessons Learned – Panel Discussion <i>Nealson Watkins, EPA/OAQPS</i> <i>Bruce Louks, Idaho</i> <i>Monica Pognon, Broward County FL</i> <i>Rich Baldauf (ORD)?</i>
3:00pm – 3:30pm	BREAK (Refreshments in)
3:30pm – 4:00pm	Office of Research and Development Monitoring and Methods Priorities <i>Bob Vanderpool, EPA (invited)</i>
4:00pm –5:00pm	Other EPA Monitoring Programs <i>ORIA – Radnet (Lee Veal)</i> <i>OAP – Castnet</i> <i>NPS – IMPROVE (John Vimont/Bret Schictel)</i>
6:00pm – 8:00pm	Poster Session/Reception –

National Air Quality Conference – Ambient Monitoring 2012
WEDNESDAY, MAY 16, 2012
Technical Sessions

7:00am – 8:00am Registration
7:00am – 8:00am Refreshments

Assessments & Special Studies Room – <i>Lewis Weinstock & State Reps</i>	Air Toxics Room – <i>Dave Shelow & State Reps</i>	Data Roadmap & Automation Room – <i>Tim Hanley & State Reps</i>
8:00am – 10:00am <i>This session will include presentations on recent or ongoing monitoring studies (data analysis and/or data collection). Examples – near road monitoring, winter ozone.</i> Papers are requested for this session.	8:00am – 10:00am <i>8:00am-8:20am Program Overview (Beth Landis)</i> <i>8:20am-10:00am NATTS Network Assessment (Beth Landis/ERG)</i>	8:00am – 9:00am From Monitoring Regulations to National Databases <i>The first part of this session will examine the monitoring requirements and associated metadata detailed in regulation and how this information is stored in our national databases (AQS and AIRNow). A panel session will be included. Papers are requested for this session. For example, how detailed metadata are being used in combination with other information to assess air quality.</i> 9:00am – 10:00am Automation in Ambient Air Monitoring Networks <i>This part of the session will include presentations on lessons learned and value added in automating activities in their ambient air monitoring programs. Topics may include calibration, monitoring, telemetry, central data system, and automated validation of data.</i> Papers are requested for this session.
10:00am – 10:30am BREAK (Refreshments in Ryman Hall B3)		
Criteria Methods Issues & Updates Room – <i>Joann Rice & State Reps</i>	Air Toxics (Cont) Room – <i>Beth Landis & State Reps</i>	Monitoring Regulation Changes Room – <i>Lewis Weinstock & State Reps</i>
10:30am – 12:00pm <i>This session will include presentations on current method issues for criteria pollutants including FRM/FEM updates and other issues such as NCore measurements.</i> Papers are requested for this session.	10:30am – 12:00pm <i>10:30am-11:10am – QA</i> <i>11:10am-12:00pm – Method and TAD update (Dave Shelow)</i>	10:30am – 12:00pm <i>This session will be conducted as a brainstorming session intended to identify issues and potential improvements to the current monitoring regulations.</i> Papers are not requested for this session; however, attendees will be encouraged to bring specific topics and/or CFR language for discussion.

National Air Quality Conference – Ambient Monitoring 2012
WEDNESDAY, MAY 16, 2012
Technical Sessions (continued)

12:00pm – 1:00pm LUNCH – on your own		
New & Emerging Monitoring Technologies Room – <i>Joann Rice & State Reps</i>	Air Toxics Room – <i>Barbara Driscoll & State Reps</i>	Quality Assurance Room – <i>Michael Papp & State Reps</i>
1:00pm – 3:00pm <i>This session will include presentations on new and emerging monitoring methods and technologies.</i> Papers are requested for this session.	1:00pm – 3:00pm <i>1:00pm-1:30pm Xact ETV</i> <i>1:30pm-3:00pm CSATAM Grants Presentations</i> Papers are requested for this portion of this session.	1:00pm – 3:00pm <i>This session will focus on QA activities related to our national monitoring programs including the criteria pollutants, PSD, the chemical speciation network, PAMS and NCore.</i> Papers are requested for the following categories: <ul style="list-style-type: none"> • <i>Updates on QA regulation and major guidance documents (including the QA Handbook Volume II),</i> • <i>Evaluation of New EPA QA Policies and ramifications for the ambient air program</i> • <i>Evaluation of quality systems</i> • <i>Development, implementation, or improvement of performance evaluation programs</i> • <i>Data quality assessments of monitoring instrumentation and or programs</i> • <i>Innovative techniques to improve data quality and reporting</i>
3:00pm – 3:30pm BREAK (Refreshments in Ryman Hall B3)		
PAMS Data Workshop Room – <i>Kevin Cavender & State Reps</i>	Tribal Monitoring Room – <i>Farshid Farsi/Christopher Lee</i>	Quality Assurance (Cont) Room – <i>Michael Papp & State Reps</i>
3:30pm – 5:30pm <i>This session will include presentations on how PAMS data has been or can be used to help understand and solve ozone problems in ozone non-attainment areas.</i> Papers are requested for this session.	3:30pm – 5:30pm <i>This session will include presentations on monitoring issues and efforts in Tribal lands.</i> Papers are requested for this session.	3:30pm – 5:30pm <i>(continued from 1 pm session)</i>

National Air Quality Conference – Ambient Monitoring 2012
THURSDAY, MAY 17, 2012

7:00am – 8:00am

Refreshments ()

PLENARY SESSION –

8:00am – 8:30am	Sensor Applications/New Technologies <i>Richard Wayland, EPA</i> <i>Region 6 representative?</i>
8:30am – 9:00am	PM2.5 FEM Issues <i>Tim Hanley, EPA</i>
9:00am – 9:30am	AirNow Tech 2.0 Demonstration <i>Lewis Weinstock, EPA</i> <i>STI</i>
9:30am – 10:00am	NATTS Network Overview <i>Beth Landis, EPA</i>
10:00am – 10:30am	BREAK (Refreshments in)
10:30am – 11:30am	PAMS Re-engineering – Panel Discussion Kevin Cavender, EPA PAMS stakeholders
11:30am – 12:00am	Questions & Answers with EPA and NACAA <i>Richard Wayland</i> <i>Lewis Weinstock</i> <i>Regional Office Rep: Meredith Kurpius/Richard Payton</i> <i>Dick Valentinetti</i> <i>NACAA MSC selection</i>
Thanks for Coming! See you in two years.	